



MASSEY FERGUSON

115 - 135 HP
85 - 99 kW

MF 6700R



FROM MASSEY FERGUSON

A new dimension of Comfort and Versatility

The MF 6700R brings more features and technology for better performance, efficiency and comfort.

The MF 6700R series is perfect for operations that need a highly productive and economical machine. With power ranging from 115HP (83kW) to 135HP (99kW), its high operating efficiency is due to its autonomy, AGCO Power Engine, the Dyna-4 transmission, and advanced hydraulic system.

This new series of tractors offers a unique and straightforward concept aimed at increasing your productivity and performance in your daily operations. In addition to its spacious and ergonomically designed cabin, the MF 6700R series has AutoGuide ready system as standard, which is a fully integrated satellite assisted-steering ready solution.

The MF 6700R provides you with an ideal solution in reliability, technology, and productivity without compromise.



Built for hard work and long days

The heavy duty front and rear axles of the MF 6700R series tractors have been developed to ensure reliability and longevity in arduous field conditions and haulage applications.

To maximise traction in field applications an electro-hydraulic differential lock is specified for the front and rear axle. This is activated on the move or stationary via a soft touch button giving you true 4WD.

Hydrostatic power steering with a maximum 55° steering angle provides excellent maneuverability amongst buildings and on field headlands. The axle oscillates 11° maintaining traction, stability and steering control in difficult ground conditions. Minimum caster angles enhance traction, reduce tyre wear and minimise ground surface disturbance when turning.

The fuel tank has a 210 L capacity enables you to work for longer hours without refueling, hence increasing your operational efficiency and productivity in the field.



Power and performance working for you

AGCO Power Engine

The MF 6700R series is designed to provide unmatched power and performance and is specifically designed to suit the requirements of agricultural applications where high levels of power and torque are essential and their rugged construction provides enhanced reliability.

At a low rated engine speed of only 2000 revs/min, you are assured of enhanced fuel efficiency whilst also minimizing noise and wear. The long piston stroke design provides high levels of torque across a broad speed range with maximum torque being achieved at only 1500 revs/min.

When time matters, the MF 6700R ensures that you get the job done, with longer service intervals of 500 hours, giving more productivity at a lower running cost.

	MF 6711R	MF 6712R	MF 6713R
Maximum power @2000 rpm (hp/kW)	115 (85)	125 (93)	135 (99)
Maximum torque @ 1500 rpm (N.m)	460	510	540
Engine Type	AGCO Power 4.4 Litre 4 Cylinder		
Digital Engine RPM Memory	Standard		
Air Filter	Dry – Dual Element with Self Cleaning Aspiration		
Engine Aspiration	Turbocharged & Intercooled		
Injection System	Common rail injection		
Cooling	Liquid		
Service Interval	500 Hours		



Efficiency, Productivity and Comfort

Dyna-4 Transmission

Simple to understand and easy to operate the MF 6700R comes standard with the Dyna-4 transmission.

With a maximum speed of 40 km/h, the Dyna-4 transmission is equipped with four powershift ratios in each of four mechanical ranges providing 16 Forward and 16 Reverse speeds, all operated without the need to use the clutch pedal. Speedmatching selects the most appropriate powershift ratio automatically during range changes ensuring smooth and progressive speed changes.

The brake to neutral feature of the Dyna-4 transmission specified for MF 6700R Series tractors allows the transmission to be temporarily placed in neutral when the brake pedal is pressed and re-engaged when the brake pedal is released. This is particularly useful for applications where frequent stops are required, such as when using a round baler or feeder mixer.



MF Control Lever

The PowerShuttle is operated by the unique MF Power Control lever which also provides an additional control for travel direction changes, powershift changes and a de-clutch function for inching.



T Lever

At the center of the "T lever", there is a button for direct grouped shifting where the operator can select the change of up to 4 speeds in a single motion, in both forward and reverse applications.



Additional supercreep gears

For activities that require very low speed but high torque, the supercreep is available for use in specialist operations such as fine seed bed preparation, planting and harvesting, reaching speeds from as low as 0.13 km/h at rated engine speed. Supercreep is engaged electro-hydraulically by a rocker switch located on the right hand console.

* The supercreep is standard from the factory.



The right speed for any operation

The sequential configuration, simple control layout and easy operation allow you to make ratio changes as and when appropriate allowing optimum use of the engine power and torque characteristics whilst minimizing fuel consumption and optimizing productivity. 8 of the 16 speeds are available in the typical field working range providing the most appropriate speed for a full range of applications.

Ready for any implement

CCLS Hydraulic System

The Closed Center Load Sensing (CCLS) Hydraulic System gives you more performance with up to 200 Bar pressure or 110 liters/min oil flow.

The MF 6700R Series comes equipped with 3 auxiliary hydraulic valves as standard. All valves are double acting with Float, Kick out, Zero Leak and load sensing allowing you both single and double acting functions. Each auxiliary valve is equipped with a flow divider that controls the oil flow to the implement.

Accurate draft control

Massey Ferguson's digital ELC system gives you the highest standards of draft control with more accurate depth settings and better ground contour following. The result is more weight transfer, better traction, less wheel slip, reduced tyre wear and reduced fuel consumption whilst still maintaining great output.

Active Transport Control (ATC)

ATC dampens the forces acting on the tractor when transporting or operating linkage mounted equipment at speed, achieving greater productivity, safety and comfort.

Power beyond

Provides oil flow directly from the pump through a load sensing spool valve block, which allows you to use remotely operated spool valves, that are found on modern loaders, potato harvesters and planters.

Automatic PTO:

To further increase your productivity, MF 6700R series is equipped with an automatic start & stop PTO that is controlled by simply operating your linkage controls.



Class leading Comfort and Productivity

Ergonomics in the power of your hands

The MF 6700R Series offers the most productive cabin to date. Everything is easily accessible. The controls are more integrated thanks to the innovative console, with the transmission instruments, hydraulic and PTO controls perfectly located for for you.

The new, slim panel contains a digital display that offers clear, operational and functional information, and more space to move in addition to an ergonomic seat for extra comfort. The cabin of the MF 6700R Series will give you a smooth ride and stability without compromise, even in rough terrains.

Vents for the air conditioning are distributed across the front of the headlining. Speakers for audio equipment are mounted at the rear. There is a cool box located on the top right hand side of the cab. It is temperature controlled by its own duct directly from the air conditioning system.



Ease of cabin access

Access to the cab is very practical, and can be performed from both sides of the machine. Rugged handrails and wide steps with adjustable depth, and non-slip texture ensures that you will safely climb on and off the MF 6700R cabin with ease.



Information where you need it

Information on tractor performance, status and diagnostics is provided through a analogue / digital instrument panel. The instrument panel has a range of warning lights advising the operator on the operating status and items requiring attention. In conjunction with the with soft touch keypad located to the right hand side of the steering column.



Incomparable comfort and productivity

The front windscreen is curved both vertically and horizontally to provide better visibility and interior space. The cab features a flat floor with pendant mounted clutch, brake pedals and foot throttle giving unobstructed access. The interior trim provides a light and welcoming environment and the floor is covered with an easy cleaning rubber mat helping to reduce noise and enhance comfort. The armrests are both height adjustable and the seat can swivel 20° left and right of the normal driving position. An auxiliary seat with seat belt is also provided as standard.



Controls positioned in the right places

All the major controls are mounted in the most ergonomic position. The auxiliary hydraulic valve control levers are within easy reach located on the right hand console to the right of the Electronic Linkage Control (ELC) lift lower buttons and adjacent to the hand throttle control. Control switches for the 4WD and differential lock are located on the right hand cab B-pillar with the PTO controls located just below. Large fully adjustable external mirrors are part of the standard configuration.



Guidance Ready

Total Accuracy and Control

To meet the increasing demand for precision farming technology the Massey Ferguson 6700R Series is Guidance Ready from the factory.

The Guidance configuration is an ideal starting point for those looking for results, simplicity and safety. Suited for operations which are investing in technology that require a high level of precision.

This configuration equips the tractor with the various components, including the electro-hydraulic steering valve, wheel angle sensors, harnesses, etc. to allow the installation of an aftermarket guidance system.

This configuration allows you to install the most appropriate guidance system to achieve the level of accuracy and technology required whilst ensuring good correction signal reliability and aftermarket support that is available in the market where the tractor will operate.

The GFX-1060 display is designed to meet the needs of today's mixed-fleet farmers. It is highly compatible across vehicle and equipment brands, including ISOBUS-driven implement control, and can be paired with the advanced NAV-900 guidance controller.

This new guidance controller features Trimble's most powerful GNSS engine. It tracks more satellites from more constellations, leading to more robust performance in harsh environments and faster RTX convergence time. The system offers three levels of accuracy to meet all needs, submeter (+/- 15cm), decimeter (+/- 2,5cm from satellite), and centimeter (+/- 2,5cm from existing RTK base station).

Specifications

Engine Performance

Engine Power
Max Torque
Rated engine speed
Engine type / no. of Cylinders /Capacity / Aspiration

Transmission

Dyna-4 32 x 32 Semi-Powershift with Supercreep
Maximum Speed
MF Power Shuttle with Comfort Control
AutoDrive

Front and Rear Axle

Maximum Steering angle
Differential Lock
4WD

Power take-off

Type
IPTO 540 / 540e / 1000 rpm

Hydraulics

Type
Oil Flow
Pressure
Linkage Control
Lift Capacity

Spool valves

3 x DA KO FL ZL FD
Power Beyond

Brakes

Type

Standard wheels and tyres

Front
Rear

Capacities

Fuel tank

Operator Environment

Air Suspension Swivel Seat with Armrests
Auxiliary seat with seat belt

Guidance

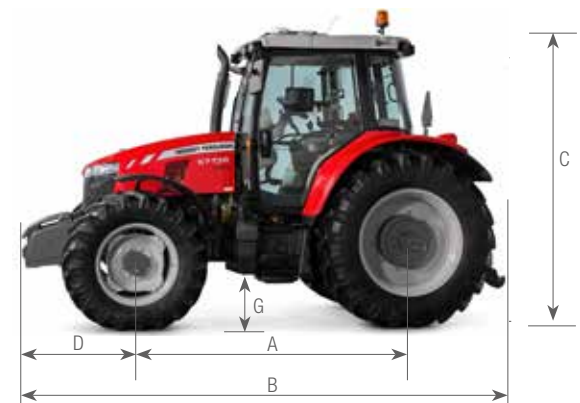
Guidance ready

	MF 6711R	MF 6712R	MF 6713R
ISO hp (kW)	115 (85)	125 (93)	135 (99)
Nm @1500 rpm	460	510	540
	2000	2000	2000
	AGCO Power AP44 / 4 / 4400cc / Turbocharged		
		●	
km/h		40	
		●	
		●	
Degrees		55	
	Hydralock with Electro-hydraulic Actuation in combination with Front and Rear Axle		
	Automatic 4WD Engagement, with Electro-Hydraulic Actuation		
		Independent Electro-hydraulic with brake	
		●	
	Closed Centre Load Sensing (CCLS)		
Litre/min		110	
bar		200	
	Electric Linkage Control (ELC)		
Max kgs		5200	
		●	
		●	
	Oil Immersed multiple plate with Electro-hydraulic Actuation & 4WD Engagement		
		380/85R28	
		460/85R38	
Litres		210	
		●	
		●	
		●	

● Standard ○ Optional

Weights & Dimensions

Unladen Weight	Kg	5000
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A	Wheelbase	mm	2622
	Length without front weight up to the rear linkage	mm	4436
B	Length with front weight up to the rear linkage	mm	4886
	Length without front weight + pin up to the rear linkage	mm	4956
C	Maximum Height	mm	2885
D	Front axle to the front	Without Weight	mm 610
		With Weight	mm 1060
		With Weight + pin	mm 1130



E	Flange to Flange - Front axle	mm	1680
	Flange to Flange - Rear axle	mm	1640
F	Outer Fender Width	mm	2305
G	Ground Clearance	mm	509



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AGCO South Africa Marketing
16 Pomona Road, Kempton Park, Gauteng, 1619



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